

# EUROPEAN PATENT OFFICE

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APPLICANT : TOSOH CORP;

INVENTOR : KAWAMURA TAKESHI;

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TITLE : PRODUCTION OF ETHANE DICHLORIDE

ABSTRACT : PURPOSE: To suppress the formation of dichlorobutanes as a by-product and obtain a method for producing ethane dichloride excellent in quality by dividedly feeding ethylene into a reactional medium in a reactor.

CONSTITUTION: This method for producing ethane dichloride is characterized by providing at least two or more positions for introducing ethylene in the height direction of a reactor and dividedly feeding the ethylene to the respective positions in a method for producing the ethane dichloride by reacting the ethylene with chlorine in a reactional medium consisting essentially of ethane dichloride kept in a liquid phase and producing ethane dichloride.

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